

Claims

We claim:

1. A battery pack suitable for use with button cell batteries, said battery pack comprising:
 - a flexible card;
 - a backing fixed to said card;
 - 5 a platform extending from said backing away from said card for supporting the batteries;
 - an air access channel formed in said platform for allowing air to diffuse to the batteries supported by said platform;
 - a cover rotatably fixed to at least one of said backing and said card; and
 - 10 a cavity formed in said cover and opening to said card, and said cavity receiving said platform to inhibit access to a battery interposed between said cover and said backing.
2. The battery pack as in claim 1, in which said cavity formed in said cover is annular, and said platform formed in said backing is at least semi-annular, wherein said semi-annular platform is received in said annular cavity, and sides of said cavity overlap sides of said platform.
3. The battery pack as in claim 1, in which a plurality of receptacles are formed in a wall of said cavity and open toward said backing, wherein each of said receptacles are sized for receiving a single battery.

4. The battery pack as in claim 1, in which said air access channel is formed by a groove formed in a top wall of said platform.

5. The battery pack as in claim 1, in which said air access channel is formed by dimples formed in a top wall of said platform.

6. The battery pack as in claim 1, in which said air access channel is formed by holes formed through a top wall of said platform.

7. The battery pack as in claim 1, in which a flap hingedly connected to said backing extends radially from a center of said backing to provide access to a battery interposed between said flap and said cover.

8. The battery pack as in claim 7, in which said flap includes a flap platform for supporting a battery, and said flap platform includes an air access channel.

9. The battery pack as in claim 7, in which said flap pivots through an opening formed in said card to provide access to the battery interposed between said flap and aid cover.

10. The battery pack as in claim 1, in which a plurality of batteries engaging said platform are interposed between said backing and said cover.

11. A battery pack suitable for use with button cell batteries, said battery pack comprising:

a flexible card;

a backing fixed to said card;

5 a platform extending from said backing away from said card for supporting the batteries, said platform having a top wall;

at least one structure extending from said platform top wall for engaging a battery to form an air access channel beneath the battery for allowing air to diffuse to the battery;

a cover rotatably fixed to at least one of said backing and said card over said platform

10 to sandwich a battery between said platform and cover.

12. The battery pack as in claim 11 including a cavity formed in said cover and opening to said card, and said cavity receiving said platform to inhibit access to a battery interposed between said cover and said backing.

13. The battery pack as in claim 12, in which said cavity formed in said cover is annular, and said platform formed in said backing is at least semi-annular, wherein said semi-annular platform is received in said annular cavity, and sides of said cavity overlap sides of said platform.

14. The battery pack as in claim 12, in which a plurality of receptacles are formed in a wall of said cavity and open toward said backing, wherein each of said receptacles are sized for receiving a single battery.

15. The battery pack as in claim 11, in which said structure is at least one ridge extending from said platform top wall away from said card.
16. The battery pack as in claim 11, in which said structure includes dimples formed in said platform top wall.
17. The battery pack as in claim 11, in which said structure includes holes formed through said platform top wall.
18. The battery pack as in claim 11 in which a flap hingedly connected to said backing extends radially from a center of said backing to provide access to a battery interposed between said flap and said cover.
19. The battery pack as in claim 18, in which said flap includes a flap platform for supporting a battery, and said flap platform includes structure forming air access channel.
20. The battery pack as in claim 18, in which said flap pivots through an opening formed in said card to provide access to the battery interposed between said flap and aid cover.
21. The battery pack as in claim 11, in which a plurality of batteries engaging said platform are interposed between said backing and said cover.

22. A battery pack suitable for use with button cell batteries, said battery pack comprising:

a backing having a top and a bottom;

a platform extending from said backing top for supporting the batteries;

5 an air access channel formed in said platform for allowing air to diffuse to the batteries supported by said platform.

23. The battery pack as in claim 22, including a card, and said backing is fixed to said card.

24. The battery pack as in claim 23, including a cover rotatably fixed to at least one of said backing and said card; and

a cavity formed in said cover and opening to said card, and said cavity receiving said platform to inhibit access to a battery interposed between said cover and said backing.

25. The battery pack as in claim 24, in which a plurality of receptacles are formed in a wall of said cavity and open toward said backing, wherein each of said receptacles are sized for receiving a single battery.

26. The battery pack as in claim 22, in which said air access channel is formed by a groove formed in a top wall of said platform.

27. The battery pack as in claim 22, in which said air access channel is formed by dimples formed in a top wall of said platform.

28. The battery pack as in claim 22, in which said air access channel is formed by holes formed through a top wall of said platform.

29. The battery pack as in claim 22, in which a plurality of batteries engaging said platform are interposed between said backing and said cover.